

Amendments to the Claims:

Please amend claims 1, 6 and 21 as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) A medical aspiration system, comprising:
a pump; and,
a non-linear flow restrictor coupled to said pump, said non-linear flow restrictor maintains an essentially same diameter during a variation in pump pressure.


Claim 2 (original) The system of claim 1, wherein said non-linear flow restrictor changes a direction of fluid flow.

Claim 3 (original) The system of claim 1, wherein said pump is a peristaltic device.

Claim 4 (original) The system of claim 1, wherein said pump is a venturi device.

Claim 5 (original) The system of claim 1, wherein said non-linear flow restrictor includes a tube that has a plurality of bends.

Claim 6 (currently amended) A medical cutting system, comprising:
a handpiece;
a cutting element attached to said handpiece;
a pump coupled to said handpiece; and,
a non-linear flow restrictor coupled to said pump and said handpiece, said non-linear flow restrictor maintains an essentially same diameter during a variation in pump pressure.

 Claim 7 (original) The system of claim 6, wherein said non-linear flow restrictor changes a direction of fluid flow.

Claim 8 (original) The system of claim 6, wherein said pump is a peristaltic device.

Claim 9 (original) The system of claim 6, wherein said pump is a venturi device.

Claim 10 (original) The system of claim 6, wherein said non-linear flow restrictor includes a tube that has a plurality of bends

Claim 11 (original) A medical aspiration system, comprising:
pump means for creating a flow of fluid that has a pressure and a flowrate; and,

flow restrictor means for creating a non-linear relationship between variations in the pressure and the flowrate of the fluid.

Claim 12 (original) The system of claim 11, wherein said flow restrictor means changes a direction of fluid flow.

Claim 13 (original) The system of claim 11, wherein said pump means includes a peristaltic device.

Claim 14 (original) The system of claim 11, wherein said pump means includes a venturi device.

Claim 15 (original) The system of claim 11, wherein said flow restrictor means includes a tube that has a plurality of bends.

Claim 16 (original) A medical cutting system, comprising:
a handpiece;
a cutting element attached to said handpiece;
pump means for creating a flow of fluid that has a pressure and a flowrate; and,
flow restrictor means for creating a non-linear relationship between variations in the pressure and the flowrate of the fluid.

Claim 17 (original) The system of claim 16, wherein said non-linear flow restrictor means changes a direction of fluid flow.

Claim 18 (original) The system of claim 16, wherein said pump is a peristaltic device.

Claim 19 (original) The system of claim 16, wherein said pump is a venturi device.

Claim 20 (original) The system of claim 16, wherein said non-linear flow restrictor includes a tube that has a plurality of bends.

Claim 21 (currently amended) A method for aspirating fluid in a medical system, comprising:

creating a flow of fluid that has a pressure and a flowrate; and,
restricting the flow of fluid in a tube so that a variation in the pressure will create a non-linear change in the flowrate while maintaining essentially a same tube diameter.

Claim 22 (original) The method of claim 21, changing a direction of the fluid flow.

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